



Indian Minerals Yearbook 2022

(Part- I : GENERAL REVIEWS)

61st Edition

STATUS OF RECONNAISSANCE PERMITS, PROSPECTING LICENCES AND MINING LEASES

(ADVANCE RELEASE)

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3 Status of Reconnaissance Permits, Prospecting Licences and Mining Leases in India

INTRODUCTION

Under the Mines & Minerals (Development and Regulation) Act, 1957 and the Minerals (Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016, the State Governments would grant mineral concessions. A mineral concession” means either a reconnaissance permit, prospecting licence, mining lease, composite licence or a combination of any of these and the expression “concession” shall be construed accordingly.

A “reconnaissance permit” (for the holder of a reconnaissance permit which was granted prior to January 12, 2015) means a permit granted for the purpose of undertaking reconnaissance operations. Reconnaissance Operations means any operations undertaken for preliminary prospecting of a mineral through regional, aerial, geophysical or geochemical surveys and geological mapping, but does not include pitting, trenching, drilling (except drilling of bore holes on a grid specified from time to time by the Central Government) or sub-surface excavation.

A “prospecting licence”(for the holder of a reconnaissance permit which was granted prior to January 12, 2015) means a licence granted for the purpose of undertaking prospecting operations. Prospecting Operations means any operations undertaken for the purpose of exploring, locating or proving mineral deposit.

A “composite licence” means the prospecting licence-cum-mining lease which is a two stage concession granted for the purpose of undertaking prospecting operations followed by mining operations in a seamless manner.

Also the State Governments are required to submit a copy of every mineral concession granted or renewed under the Act and rules made thereunder within two months of such grant or renewal to the Controller General, Indian Bureau of Mines and the Director General, Directorate General of Mines Safety under Rule 59 (1) of Minerals (Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016. Additionally, the State Governments also have to submit a consolidated Annual Return of all mineral concessions granted or renewed under the Act

and rules made thereunder to the Controller General, Indian Bureau of Mines, in such form as may be specified for the purpose and a copy shall also be supplied to the Director General, Directorate General of Mines Safety under Rule 59 (2) of Minerals (Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016 not later than the 30th day of June following the year to which the return relates.

RECONNAISSANCE PERMITS, PROSPECTING LICENCES AND COMPOSITE LICENCES

No information from the State Governments/ Union Territories is reported regarding grant of reconnaissance permit/ prospecting licence/ composite licence for minerals (other than Atomic Minerals, Coal, Lignite, Petroleum, Natural Gas and Minor Minerals) during the period.

MINING LEASES

Section 3 (c) of the Mines & Minerals (Development & Regulation) Act 1957 defines “Mining Lease” (ML) is a lease granted for the purpose of undertaking mining operations and includes a sub-lease granted for such purpose. The Act defines “mining operations” as any operations undertaken for the purpose of winning any mineral.

The status of mining leases of 40 Metallic and Non-metallic minerals (excluding Atomic Minerals, Coal, Lignite, Petroleum, Natural Gas and Minor Minerals) as on 31.3.2022 (P) indicates that 3,095 mining leases were in force in the country in 22 States covering an area of 2,78,008.94 hectares.

The statewide summary of existing mining leases as on 31st March 2020, 2021 and 2022 is detailed in Table-1. The mineral-wise summary of existing mining leases as on 31.3.2022 (P) is furnished in Table-2 .

Sectorwise distribution of mining leases as on 31.3.2022 (P) is furnished in Table-3. Areawise distribution of Leases (frequency in Hect.) as on 31.3.2022 (P) is furnished in Table-4.

The statewide break up of mining leases as on 31.3.2022 as reflected in Table-1 indicates that Madhya Pradesh was leading with 613 mining leases

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followed by Tamil Nadu (459), Gujarat (440), Andhra Pradesh (379), Karnataka (298), Chhattisgarh (175), Rajasthan (168), Maharashtra (130), Odisha (117), Jharkhand (100) and Telangana (80). These 11 States together accounted for about 96% of the total mining leases in force.

Of the total mining lease area covered by different States, Madhya Pradesh (13.61%), Rajasthan (12.42%), Odisha (12.18%), Karnataka (11.89%), Gujarat (9.65%), Chhattisgarh (9.43%), Andhra Pradesh (9.15%), Jharkhand (6.50%), Maharashtra (4.63%) and Telangana 3.68%). These Ten States accounted for about 93.15% of the total mining lease area granted and the remaining 6.85% was accounted for by the rest of the 12 States.

During 2021-22, mining leases in force were in both Private and Public Sectors which included Central and State Government Undertakings. Out of the total 3,095 mining leases in force in the country, 2,858 (92%) mining leases with an area of 2,04,819.71 hectares (73.67%) are in the Private Sector and the remaining 237 (8%) with an area of 73,189.23 hectares (26.33%) are in the Public Sector.

In the Metallic Minerals, Ferrous group of minerals includes iron ore, manganese ore, chromite, while the Non-ferrous group of minerals comprises bauxite, copper ore, lead & zinc ores, molybdenum, nickel, tin and the noble metals which include gold, silver and platinum group of metals. Mining Leases and Composite Licences granted through Auction during 2021-22 is given in Table-5.

**Table-1 : Existing Mining Leases* as on 31st March 2020, 2021 and 2022 (P)
(By States)**

State	as on 31.03.2020		as on 31.03.2021 (P)		as on 31.03.2022 (P)	
	No.	Area (ha)	No.	Area (ha)	No.	Area (ha)
India	3437	312645.72	3314	306398.76	3095	278008.94
Andhra Pradesh	403	27918.98	400	26743.81	379	25450.49
Assam	7	889.50	7	889.50	7	889.50
Bihar	1	53.38	1	53.38	1	53.38
Chhattisgarh	185	24593.89	181	25062.33	175	26210.55
Goa	15	2378.65	11	528.49	9	442.49
Gujarat	416	26821.10	415	27535.80	440	26836.82
Haryana	4	46.85	4	46.85	4	46.85
Himachal Pradesh	42	2459.78	42	2459.78	40	2448.58
Jammu & Kashmir**	37	1984.12	37	2020.43***	37	2020.43***
Jharkhand	146	21980.61	122	19902.95	100	18068.24
Karnataka	379	39116.01	313	34984.36	298	33047.05
Kerala	5	421.65	5	432.40	5	421.65
Madhya Pradesh	702	40555.40	714	44342.37	613	37838.75
Maharashtra	169	14106.03	164	14540.58	130	12872.74
Meghalaya	21	789.34	21	789.34	21	789.34
Odisha	172	55108.72	154	49587.23	117	33872.45
Rajasthan	195	33394.21	163	33561.83	168	34528.73
Sikkim	3	96.32	3	96.32	-	-
Tamil Nadu	464	9061.66	463	9170.16	459	9158.70
Telangana	84	10887.16	82	10485.40	80	10227.38
Uttar Pradesh	4	2960.19	4	2960.19	4	2579.56
Uttarakhand	7	191.79	7	191.79	7	191.79
West Bengal	1	13.47	1	13.47	1	13.47

* Excluding Atomic Minerals, Coal, Lignite, Petroleum and Natural Gas & Minor Minerals

Source: Data received from various State Governments,

Respective State Government (DGMs/DMGs etc).

** formed a new Union Territory to be known as the Union Territory of Jammu & Kashmir vide Gazette Notification No. 53, New Delhi, the 9th August, 2019/Shravana 18, 1941 (Saka)

*** Including mining lease in Ladakh (U/T).

Note:- The data received from respective regional offices of IBM have also been taken in account wherever necessary.

(P): Provisional

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**Table-2 : Existing Mining Leases*
as on 31.3.2022 (P)
(By Minerals)**

Sl. No.	Mineral	No. of Leases	Lease Area (ha)
1.	Amethyst	2	5.83
2.	Apatite	1	13.47
3.	Bauxite	335	23817.25
4.	Borax	1	159.00
5.	Chromite	19	3293.07
6.	Copper ore	9	3916.85
7.	Diamond	2	275.96
8.	Emerald	1	46.32
9.	Epidote	1	4.05
10.	Fluorite	10	326.24
11.	Garnet	28	154.68
12.	Gold	10	6934.49
13.	Graphite	32	1342.11
14.	Iolite	5	61.26
15.	Iron ore	321	50142.48
16.	Kyanite	14	231.11
17.	Lead & zinc ore	11	7274.25
18.	Limeshell	25	1072.15
19.	Limestone	1856	160922.08
20.	Magnesite	36	2313.54
21.	Manganese ore	217	10503.80

(Contd)

Table-2 (Concl'd)

Sl. No.	Mineral	No. of Leases	Lease Area (ha)
22.	Moulding sand	6	39.24
23.	Perlite	1	144.88
24.	Rock phosphate	7	1534.24
25.	Rock salt	1	8.12
26.	Sapphire	1	673.40
27.	Semi-precious stones	16	255.04
28.	Selenite	4	625.35
29.	Siliceous earth	35	271.71
30.	Sillimanite	2	33.34
31.	Stibnite	1	40.47
32.	Tin	15	319.17
33.	Vermiculite	55	951.30
34.	Wollastonite	15	302.69
Total		3095	278008.94

* Excluding Atomic Minerals, Coal, Lignite, Petroleum and Natural Gas & Minor Minerals

Source: Data received from various State Governments

Note:- The data received from respective regional offices of IBM have also been taken in account wherever necessary.

(P): Provisional

**Table – 3 : Existing Mining Leases* as on 31.3.2022 (P)
(By Sectors)**

Sector	No. of Leases	Percent (%)	Area (ha)	Percent (%)
Total	3095	100	278008.94	100
Public	237	7.66	73189.23	26.33
Private	2858	92.34	204819.71	73.67

*Excluding Atomic Minerals, Coal, Lignite, Petroleum and Natural Gas & Minor Minerals

Source: Data received from various State Governments

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**Table-4 : Area Wise Status of Lease (Frequency In Hect.)
(Other than Atomic, Hydro Carbons Energy & Minor Minerals)
as on 31.3.2022(P)
(All India)**

Frequency In (ha)	No. of Leases	Lease Area (ha)
0 to 2	378	488.02
>2 to 5	859	3329.00
>5 to 10	365	2689.51
>10 to 20	332	4857.11
>20 to 50	397	12978.39
>50 to 100	233	16819.70
>100 to 200	180	25805.24
>200 to 500	196	64065.23
Above 500	155	146976.74
Total	3095	278008.94

Source:- Respective State Government (DGMs/DMGs etc).

Note:- The data received from respective regional offices of IBM have also been taken in account wherever necessary.

(P): Provisional

Table 5:- Mining leases and composite licenses granted through auction during the year 2021- 22.

S. No.	State	Name of The Block	Mineral	Date of auction	ML/CL	Area (In Ha)
1	Andhra Pradesh	Gorlagutta	Limestone	27.05.2021	ML	181.03
2	Andhra Pradesh	Devada Block	Manganese	04.10.2021	ML	81.95
3	Andhra Pradesh	Gutupalli, Kurnool	Iron Ore	26.10.2021	ML	29.75
4	Andhra Pradesh	Veldurthy Iron Ore Block	Iron Ore	15.03.2022	ML	22.044
5	Chhattisgarh	Kathiya-Pachri Block	Limestone	11.10.2021	ML	323.332
6	Chhattisgarh	Nahardih-Maghaipur	Limestone	12.10.2021	ML	365.252
7	Gujarat	Mevasa	Bauxite	12.05.2021	ML	8.73
8	Gujarat	Satpara	Bauxite	07.05.2021	ML	5.54
9	Gujarat	Lamba	Bauxite	11.05.2021	ML	6.63
10	Gujarat	Jodhpur Study Area	Limestone & Marl	17.02.2022	ML	30.097
11	Gujarat	Harsol Block-1	Limestone & Marl	17.02.2022	ML	6.28
12	Karnataka	Hanamaneri	Limestone	10.12.2021	ML	730
13	Karnataka	Ravur	Limestone	09.12.2021	ML	430
14	Karnataka	ML No. 2584 M/s Auro Minerals	Iron Ore	21.02.2022	ML	32.05
15	Karnataka	ML No. 2586 M/s Gogga Gurushanthaiah and Brothers	Iron Ore	19.01.2022	ML	15025
16	Karnataka	Bommanalli	Limestone	14.01.2022	ML	500
17	Karnataka	AjjanahalliTumakuru	Gold	28.03.2022	CL	9.49

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18	Karnataka	Diggaon	Limestone	23.03.2022	ML	786.32
19	Karnataka	Belagatta, Chitradurga	Gold	30.03.2022	CL	2501.58
20	Karnataka	M/s Tiffin Barytes Asbestos & Paints Ltd, ML No 2293	Iron Ore	03.02.2022	ML	191.3
21	Madhya Pradesh	RamstahnGhunchihai Block	Limestone	13.07.2021	ML	1917.15
22	Madhya Pradesh	Jamuwantikala	Limestone	07.01.2022	ML	6.313
23	Madhya Pradesh	Tikar, Distt. Rewa	Bauxite	04.01.2022	ML	26.77
24	Madhya Pradesh	Mardeora, Distt. Chhatarpur	Rock Phosphate	05.01.2022	ML	9.951
25	Maharashtra	Kurai	Limestone	11.01.2022	ML	480.8
26	Maharashtra	Hivra	Manganese	11.01.2022	ML	6.9
27	Maharashtra	Girola(Jamdi)	Kyanite	11.01.2022	ML	6.55
28	Maharashtra	MandriPanchala	Manganese	11.01.2022	CL	44.77
29	Maharashtra	Dongargaon Block	Limestone	31.03.2022	ML	252.36
30	Maharashtra	Chikhalgaon (West) Block	Bauxite	31.03.2022	ML	21.87
31	Maharashtra	Bidwadi Block	Graphite	31.03.2022	ML	157.02
32	Maharashtra	Ajgaon Block	Iron Ore	31.03.2022	CL	840
33	Maharashtra	Ghanpur Mudholi (West)	Copper & Gold	31.03.2022	CL	917.42
34	Odisha	Nadidih Iron Ore Iron Manganese Block(Feegrade)	Manganese	16.09.2021	ML	117.21
35	Odisha	Kasia Iron Ore & Dolomite Block	Iron Ore & Dolomite	16.09.2021	ML	194.19
36	Odisha	Nadidih Iron Ore Block (BICO)	Iron Ore	16.09.2021	ML	74.5
37	Odisha	Chandiposhi Iron Ore Block	Iron Ore	16.09.2021	ML	131.58
38	Odisha	JumkaPathiriposhi Pahar Iron Ore Block	Iron Ore	16.09.2021	ML	158.509
39	Odisha	Dholtapahar Iron Ore Block	Iron Ore	16.09.2021	ML	60.51
40	Odisha	Gandhalpada Iron Ore Block	Iron Ore	16.09.2021	ML	241.1
41	Odisha	NetrabandhaPahar (West)	Iron Ore	16.09.2021	ML	74.37
42	Odisha	Pureibahal Block	Iron Ore	04.10.2021	ML	64.337
43	Odisha	BeheraBhanjipali Limestone Block	Limestone	29.03.2022	ML	119.143
44	Odisha	Naringpanga Graphite Block	Graphite	29.03.2022	ML	4.3
45	Rajasthan	Rata-Mandha-1A(RM-1A)	Limestone	16.12.2021	ML	420
46	Rajasthan	Harima Pithasar Nagaur, Blocks 3D2	Limestone	20.12.2021	ML	424.086
47	Rajasthan	Gothra-Parasrampura West block	Limestone	24.01.2022	ML	287.754
48	Rajasthan	Block- 3C-1 n/v Deh-Harima	Limestone	27.01.2022	ML	300.75
49	Rajasthan	Block- 3C-2 n/v Deh-Harima	Limestone	28.01.2022	ML	386.02
50	Rajasthan	Gothra-Parasrampura East block	Limestone	25.01.2022	ML	460.4
51	Rajasthan	SindwariChariya Block A	Limestone	16.02.2022	ML	203.55